

Activity - Volcanism Fill-in-the-Blank

Name:

Date:

Use the information from the volcanism knowledge center to fill in the blanks in the statements below.

1. Mount Rainier, in Washington's Mount Rainier National Park, is a _____ volcano.
2. A(n) _____ volcano has not erupted in recent history and is unlikely to erupt again.
3. The composition of _____ determines the eruption style, rock type, and the shape of the volcano.
4. Volcanism occurs in three places. These are spreading centers, subduction zones, and _____.
5. _____ eruptions are the most hazardous, involving large volumes of tephra and gases emitted from the volcano.
6. During an effusive eruption, large volumes of _____ pour from a vent onto the ground.
7. _____ is a hazardous mix of carbon dioxide, sulfur dioxide and other volcanic gases that can collect downwind of a volcano and cause a persistent air pollution problem.
8. The study of volcanic geomorphology deals with the changing _____ of an active volcano.
9. From monitoring data, it is possible to make _____ of what type of eruption will occur and where on the volcano it will occur.
10. _____ have thus far been the most effective predictors of volcanic activity, because they usually occur prior to volcanic eruptions.